

**FACT SHEET****State Superfund
Program****Receive Site Fact Sheets by *Email*.** See "For More Information" to Learn How.

Site Name: NYSEG - Lockport Transit Street MGP
DEC Site #: 932098
Address: Between LaGrange & Saxton St./South Transit St.
Lockport, NY 14094

Have questions?
See
"Who to Contact"
Below

Cleanup Action to Begin at State Superfund Site

Action is about to begin to address soil contamination related to the former Manufactured Gas Plant (MGP) site located at the corner of Transit Street and LaGrange Avenue in Lockport, New York. New York State Electric & Gas (NYSEG), the site owner and responsible party, will soon begin action to remediate the Site, under the oversight of the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). Cleanup work is expected to begin in December 2013 and require approximately 15 months to complete.

The NYSDEC and NYSDOH have reviewed the Remedial Design for the Site, and have found it to be protective of public health and the environment. The approved Remedial Design is available for public review at the document repositories listed at the end of this fact sheet.

Highlights of the Upcoming Cleanup Activities

The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

Next Steps

After completion of the cleanup activities, NYSEG will prepare a Final Engineering Report, which will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

The New York State Department of Environmental Conservation (NYSDEC) will keep the public informed throughout the cleanup of the site.

Background

Use of the Site: From 1851 until 1927, the site housed a gas manufacturing facility. Coal tar, a dark, oily liquid which was a by-product of the gasification process, escaped from pipes and tanks on the site and migrated into the surrounding soils. The site is currently used as an electrical substation, located at the edge of the commercial area of downtown Lockport. A residential area borders the site to the south and west.

Investigations of the Site: NYSEG started investigating this site in 1983. A remedial investigation was initiated in November of 2004 and a final report was completed in 2007. A Feasibility Study Report was finalized in January of 2009 and the Record of Decision was signed on March 30, 2009.

Site Geology and Hydrogeology

The site is covered with 10 to 20 feet of fill material and reworked native soils. The fill generally consists of silt and sand, but also includes materials such as ash, slag, and cinders. The fill frequently extends to bedrock; but in some areas a native silty sand underlies the fill. The underlying bedrock consists of dolomite and shale layers. The upper portion of the shale is fractured and relatively permeable with horizontal bedding planes allowing the horizontal movement of groundwater and other liquids such as coal tar. Deeper bedrock units are much less fractured and relatively impermeable.

The New York State Barge Canal is located about 200 feet west of the site, and is cut approximately 45 feet into bedrock. Although the water level in the canal is raised and lowered seasonally, groundwater beneath the MGP site flows generally north and west towards the canal throughout the year.

Highlights of the Remedy

The remedy includes relocating some components of the electrical substation, followed by excavation of contaminated soils down to the top of bedrock. The excavation area will include a portion of LaGrange Street, parts of which will be temporarily closed.

Tar which has reached the bedrock cannot be excavated, so a series of measures will be employed to remove as much as possible and to control the migration of any that remains. These measures include injecting cement grout to block bedrock fractures along a 400 foot line between the site and the canal. Behind this wall, a series of wells will collect coal tar from the bedrock.

The remedy will also seal the nearby canal wall with a second grout wall, 200 feet long to stop tar from seeping into the canal. Wells will be installed upgradient of this wall to collect coal tar from the bedrock. The final step, after the seeps have been eliminated, will be to remove tar-contaminated sediment from the canal.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/external/derexternal/haz/details.cfm?pageid=3&progno=932098>

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: <http://www.dec.ny.gov/chemical/8439.html>

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following document repositories to help the public stay informed:

Lockport Public Library

23 East Avenue
Lockport, NY 14095-0475
(716) 433-5935
Mon. - Thu., 10 AM - 9 PM;
Fri. & Sat., 10 AM - 5 PM

NYSDEC Office

Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
Hours: Mon. to Fri. 9 a.m. to 4 p.m.

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Richard Dana
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9662
rhdana@gw.dec.state.ny.us

Site-Related Health Questions

Matthew Forcucci
New York State Department of Health
584 Delaware Ave
Buffalo, NY
716-847-4501
BEEI@health.state.ny.us

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:
<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

